Bruhath Bangalore Mahanagara Palike Dasarahalli Zone

ame of Work: Construction of Bangalore-One Office and tax Office, Multipurpose Building in Ward No.13, in Shettyhalli Sub Division.

Est .Cost Rs. 50.00 Lakhs

Description of Items	Unit	No	L	B	D	Qty	Rate	Amount
Earth work excavation for foundation of building water sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m after breaking of colds complete as per specifications.(Page No.5, Item No. 2.4)								
	Cum							
Column footing		12	1.50	1.50	1.50	40.50		
		7	1.20	1.20	1.20	12.10		
		1	15.80	0.75	0.75	8.89		
		1	8.30	0.75	0.75	4.67		
Centre wall		3	13.40	0.75	0.75	22.61		
		3	8.30	0.75	0.75	14.01		
Sump tank		1	3.00	2.00	1.80	10.80		
Sanitary line		1	10.00	0.60	1.20	7.20		
Water supply line		1	10.00	0.60	1.00	6.00		
Foyer		1	15.85	0.75	0.60	7.13		
		1	8.30	0.75	0.60	3.74		
						137.64		
Deduct For Column		12	1.50	1.50	0.75	20.25		
		7	1.20	1.20	0.60	6.05		
						26.30		
				Net Qty		**111.34**	305.64	**34030.11**
Basic Rate	283.00							
Area Weightage 8%	22.64							
	305.64							
KSRB 4-1.3: Providing and laying in position plain cement concrete cum 3,973.00 of mix M7.5 with ope cement @ 180kgs, with 40mm and down size graded granite metal coarse ggregates @O.85cum and fine aggregtes @ O.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. pecification No. KBS 4.1, 4.2 (Page No. 12, Item NO. 4.3)								
	Cum							
Column footing		12	1.50	1.50	0.15	4.05		
		7	1.20	1.20	0.15	1.51		
		1	15.80	0.75	0.15	1.78		
		1	8.30	0.75	0.15	0.93		
Centre wall		3	13.40	0.75	0.15	4.52		
		3	8.30	0.75	0.15	2.80		
Sump tank		1	3.00	2.00	0.15	0.90		
Hall 1		1	8.50	4.50	0.15	5.74		
Office 1		1	6.70	3.35	0.15	3.37		
Hall 2		1	4.35	4.45	0.15	2.90		
Office 2		1	4.35	3.35	0.15	2.19		
Toilet		2	1.80	1.60	0.10	0.58		
Foyer		1	15.85	1.50	0.15	3.57		

Scanned by CamScanner

		1	8.30	2.45	0.15	3.05		
						37.88		
Deduct For Column		12	1.50	0.75	0.15	2.03		
		7	1.20	0.75	0.15	0.95		
						2.97		
				Net Qty		**34.91**	5,256.36	**183516.61**
Basic Rate	4,867.00							
Area Weightage 8%	389.36							
	5,256.36							
Providing and constructing granite /trap/ baslat size stone masonry in foundation with cement mortar 1:6, stones hammerd dressed in courses not less than 20cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications (Page No. 23, Item No. 5.6)								
	Cum							
Centre wall		3	13.40	0.60	0.60	14.47		
		3	8.25	0.60	0.60	8.91		
Foyer		1	15.85	0.60	0.45	4.28		
		1	8.30	0.60	0.45	2.24		
						29.90		
Deduct For Column		12	0.45	0.45	0.60	1.46		
		7	0.20	0.45	0.45	0.28		
						1.74		
				Net Qty		**28.16**	4,521.96	**127342.92**
Basic Rate	4,187.00							
Area Weightage 8%	334.96							
	4,521.96							
Providing and onstructing granite /trap/ baslat size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications (Page No. 23, Item No. 5.9)								
	Cum							
Centre wall		3	13.40	0.45	0.45	8.14		
		3	8.25	0.45	0.45	5.01		
Foyer		1	15.85	0.45	0.25	1.78		
		1	8.30	0.45	0.25	0.93		
						15.87		
Deduct For Column		12	0.45	0.45	0.45	1.09		
		7	0.20	0.45	0.25	0.16		
						1.25		
				Net Qty		**14.62**	5,405.40	**79017.49**
Basic Rate	5,005.00							
Area Weightage 8%	400.40							
	5,405.40							
Providing ruled pointing to coursed stone masonry with cement mortar 1:3 20mm deep, after raking joints to depth of 20mm necely lining, including cost of materials, labour, curing complete as per specifications (Page NO. 113, Item No. 15.3)								
	Sqm							
Centre wall		2	13.40		0.45	12.06		
		2	8.25		0.45	7.43		
Foyer		1	15.85		0.25	3.96		
		1	8.30		0.25	2.08		
						25.52		
Deduct For Column		12	0.45		0.45	2.43		
		7	0.20		0.25	0.35		

Scanned by CamScanner

						2.78		
Basic Rate	98.00			Net Qty		22.74	105.84	2407.07
Area Weightage 8%	7.84							
	105.84							

Providing and laying in position plain cement concrete of nominal mix 1:2:4 using 20mm and down size graded granite metal machine mixed concrete liad in layers not exceeding 15cms thick well compacted in foundation plinth and cills including cost of all materials, labour HOM of machinery, curing complete as per specifications (Page No. 12, Item No. 4.6)

	Cum							
Foyer		1	15.85	1.50	0.08	1.90		
		1	8.30	2.45	0.08	1.63		
		1	9.30	9.30	0.20	17.30		
						20.83	5,876.28	122384.11
Basic Rate	5,441.00							
Area Weightage 8%	435.28							
	5,876.28							

Filling avaialble excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20cms in depth compacting each deposited layers by ramming after watering with lead upto 50m and lift upto 1.5m including cost of all labour complete as per specification (Page No.6, Item No. 2.10)

	Cum							
Hall 1		1	8.50	4.50	0.45	17.21		
Office 1		1	6.70	3.35	0.45	10.10		
Hall 2		1	4.35	4.45	0.45	8.71		
Office 2		1	4.35	3.35	0.45	6.56		
Toilet		2	1.80	1.60	0.45	2.59		
Foyer		1	15.85	1.50	0.25	5.94		
		1	8.30	2.45	0.25	5.08		
						56.20	137.16	7708.49
Basic Rate	127.00							
Area Weightage 8%	10.16							
	137.16							

Providing and laying in position reinforced cement concrete of nominal mix 1:1.5:3 with 20mm (M20) and down size graded granite machine mixed , concrte laid in layers not exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, stair case, lintels retaining walls,return walls, walls (any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, bustress, string or lacing courses, parapets, coping bed blocks, anchors blocks, plain windows cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing complete as per specifications (Page No. 13, Item No. 4.11)

	Cum							
For Column footing		12	1.50	1.50	0.40	10.80		
		7	1.20	1.20	0.30	3.02		
For Column up to Plinth		12	0.20	0.45	1.50	1.62		
		7	0.20	0.20	1.20	0.34		
oof level		12	0.20	0.45	3.00	3.24		
		7	0.20	0.20	3.00	0.84		
evel		12	0.20	0.45	3.00	3.24		
		7	0.20	0.20	3.00	0.84		
Plinth beam		3	13.40	0.20	0.30	2.41		
		3	8.30	0.20	0.30	1.49		
oyar		1	15.85	0.20	0.15	0.48		
		1	8.30	0.20	0.15	0.25		
or Sump tank wall		2	2.00	3.00	0.10	1.20		

Scanned by CamScanner

Sloping roof		2	3.00	3.00	0.10	1.80		
RCC Jalle		1	2.00	3.00	0.12	0.72		
		3	13.40	0.20	0.15	1.21		
		3	8.30	0.20	0.15	0.75		
RCC beam for ground floor roof		3	13.40	0.20	0.30	2.41		
		3	8.30	0.20	0.30	1.49		
For front portion		1	15.85	0.20	0.30	0.95		
		1	8.30	0.20	0.30	0.50		
For RCC roof		1	15.85	9.80	0.12	18.64		
Steps		1	6.45	1.20	0.10	0.77		
		10	1.50	0.20	0.10	0.30		
RCC beam for First floor roof		3	13.40	0.20	0.30	2.41		
		3	8.30	0.20	0.30	1.49		
For front portion		1	15.85	0.20	0.30	0.95		
		1	8.30	0.20	0.30	0.50		
For RCC roof		1	15.85	9.80	0.12	18.64		
Steps		1	6.45	1.20	0.10	0.77		
		10	1.50	0.20	0.10	0.30		
		1	9.30	9.30	0.10	8.65		
						93.03	6,491.88	**603,937.65**
Basic Rate	6,011.00							
Area Weightage 8%	480.88							
	6,491.88							

Providing and laying in position reinforced cement concrete 1:1.5:3 (M20) with 12mm and down size graded metal, machine mixed, well compacted for plain chejja of 7.5cms. Average thickness, upto ground floor level, including cost of all materials, labour, HOM of machinery specification (Page NO. 14, Item No. 4.19)

	Sqm							
Chejja GF W1		5	1.50	0.60		4.50		
V		1	0.90	0.45		0.41		
Chejja FF W1		5	1.50	0.60		4.50		
V		1	0.90	0.45		0.41		
Toilet Atta		2	1.80	1.60		5.76		
						15.57	492.48	**7,667.91**
Basic Rate	456.00							
Area Weightage 8%	36.48							
	492.48							

Providing and fabricating TMT . Steel (cold, Twisted) reinforcement for R.C.C. work including straightening, cutting, bending, hooking,placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design(laps and wasteage shall not measured and paid) cost of materials. labour. HOM of machinery complete as per specifications (Page NO. 17, Itm. NO. 4.46) Fe 500

	Tonne							
Consider 90 kg per cum of concrete								
(85.73 X 90) = 7715 Kg i.e 7.71 T						**7.71**	60,534.00	**466,717.14**
Basic Rate	56,050.00							
Area Weightage 8%	4,484.00							
	60,534.00							

Providing and removing centering shuttering strutting propping etc., and removal of form work for columns, pillars, abutments, post and struts square/ rectangular/ polygon in plan including cost of all materials labour complete as per specification (Page No.16, Item No. 4.32

	Sqm							
For Column up to Plinth		12	1.30		1.80	28.08		
		7	0.80		1.80	10.08		

Scanned by CamScanner

Column plinth beam upto ground floor level		12	1.30		2.70	42.12		
		7	0.80		2.70	15.12		
Column ground floor roof to First floor level		12	1.30		2.70	42.12		
		7	0.80		2.70	15.12		
						152.64	395.28	**60,335.54**
Basic Rate	366.00							
Area Weightage 8%	29.28							
	395.28							
Providing and removing centering shuttering strutting propping etc., and removal of form work for sides and soffits of beams beam houchings cantilever girders bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specification (Page No. 16, item No. 4.34)								
	Sqm							
Plinth beam		3x2	13.40		0.30	24.12		
		3x2	8.30		0.30	14.94		
		2x2	15.85		0.20	12.68		
		2x2	8.30		0.20	6.64		
RCC lintle		3x2	13.40		0.15	12.06		
		3x2	8.30		0.15	7.47		
RCC beam for ground floor roof		3x2	13.40		0.30	24.12		
		3x2	8.30		0.30	14.94		
		2x2	15.85		0.20	12.68		
		2x2	8.30		0.20	6.64		
RCC beam for First floor roof		3x2	13.40		0.30	24.12		
		3x2	8.30		0.30	14.94		
		2x2	15.85		0.20	12.68		
		2x2	8.30		0.20	6.64		
						194.67	276.48	**53,822.36**
Basic Rate	256.00							
Area Weightage 8%	20.48							
	276.48							
Providing and removing centering shuttering strutting propping etc., for chejjas, corbels etc., including edges including cost of all materials, labour complete as per specifications (Page No. 16, Item No.4.37)								
	Sqm							
Chejja GF W1		5	1.50	0.60		4.50		
		1	0.90	0.45		0.41		
Chejja FF W1		5	1.50	0.60		4.50		
		1	0.90	0.45		0.41		
Toilet Atta		2	1.80	1.60		5.76		
						15.57	291.60	**4,540.21**
Basic Rate	270.00							
Area Weightage 8%	21.60							
	291.60							
Providing and removing centering, shuttering, strutting propping etc., and removal of form work for stairs (excluding landing) except spiral staircase including cost of all materials labour complete as per specification (Page No. 16, Item No.4.38)								
	Sqm							
Stair case		2	4.00	2.00		16.00		
						16.00	513.00	**8,208.00**
Basic Rate	475.00							
Area Weightage 8%	38.00							

Scanned by CamScanner

	513.00							
Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs,landing, balconies and likes thickness upto 200mm including cost of materials, labour complete as per specification (Page No. 15, Item No. 4.29)								
	Sqm							
For RCC roof								
Sump tank		2	15.85	11.30		358.21		
		1	2.00	3.00		6.00		
						364.21	594.00	**216,340.74**
Basic Rate	550.00							
Area Weightage 8%	44.00							
	594.00							
Providing and constructing pre cast concrete solid blocks with compressive strength not less than 35 kg/sqm with cement mortar 1:4 masonry (quoins, jamb,closer blocks) with solid concrete blocks of size 40x20x20cms conforming to I.S: 2185/1965 in superstructure including cost of materials,labour charges,scaffolding,curing etc., complete as per superstructure(Page No.25,Item No.5.27)								
	Sqm							
For Sump tank								
Ground floor		1	9.20		2.00	18.40		
		3	13.40		3.00	120.60		
		3	8.30		3.00	74.70		
		1	1.50		3.00	4.50		
below stair case		2	2.45		2.10	10.29		
First		3	13.40		3.00	120.60		
		3	8.30		3.00	74.70		
		1	1.50		3.00	4.50		
Parapet		1	30.00		0.90	27.00		
					Total:-	**455.29**		
Deduction for openings								
Door D (GF & FF)		4	1.20		2.10	10.08		
D1 (GF & FF)		8	1.00		2.10	16.80		
Window W (GF & FF)		6	1.80		1.20	12.96		
W1		12	1.50		1.20	21.60		
V		2	0.75		0.60	0.90		
RCC lintle		3	13.40		0.15	6.03		
		3	8.30		0.15	3.74		
					Total:-	**72.11**		
				Net Qty		**383.19**	1,011.96	**387,767.89**
Basic Rate	937.00							
Area Weightage 8%	74.96							
	1,011.96							
Providing and constructing pre cast concrete solid blocks with compressive strength not less than 35 kg/sqm with cement mortar 1:4 masonry (quoins, jamb,closer blocks) with solid concrete blocks of size 40x10x20cms conforming to I.S: 2185/1965 in superstructure including cost of materials,labour charges,scaffolding,curing etc., complete as per superstructure(Page No.25,Item No.5.28)								
	Sqm							
Toilet (GF & FF)		2	3.35		3.00	20.10		
		2	1.80		3.00	10.80		
						30.90	773.28	**23,894.35**
Basic Rate	716.00							
Area Weightage 8%	57.28							
	773.28							

Scanned by CamScanner

Providing Honne wood frames of doors windows, clerestory windows, ventilators and other ...es wrought, framed of assembled including making plaster grooves (excluding cost of materials, labour, HOM of machineries complete as per specifications (Page No.51, Item No 9.11, a

Door D (GF & FF)	Cum							
Door D1 (GF & FF)		4	7.00	0.120	0.075	0.25		
Door D2 (GF & FF)		4	5.40	0.100	0.075	0.16		
		4	5.25	0.100	0.075	0.16		
Basic Rate	102,855.00					0.57	111,083.40	63,484.16
Area Weightage 8%	8,228.40							
	111,083.40							

Providing and fixing in position fully panelled Honne wood shutters for doors, styles and rails of 40mm, thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour,HOM of machineries completed as per specification (excluding cost of fixtures) Page No.51, Item No. 9.15)

Door D (GF & FF)	Sqm							
Door D1 (GF & FF)		4	1.10		2.050	9.02		
		4	0.95		2.050	7.79		
						16.81	5,014.44	84,292.74
Basic Rate	4,643.00							
Area Weightage 8%	371.44							
	5,014.44							

Providing and fixing in position shutters for doors made out of Honne wood styles and rails of 35mm. Thick with bottom and lock rail 180mm wide top rail and styles 100mm wide as per drawings and panels of 18mm thick is exteriors grade melamine impregnated prelaminations particle board colour on one sides including cost of materials, labour, HOM of machineries complete as per specifications.(excluding cost of fixtures) (Page No.53, Item No.9.38)

Door D2 (GF & FF)	Sqm							
		4	0.75		2.000	6.00		
						6.00	3,626.64	21,759.84
Basic Rate	3,358.00							
Area Weightage 8%	268.64							
	3,626.64							

Providing and fixing M.S. grill work for windows and ventilator weighing 21kg/Sqm using M.S. flats, or M.S square rods or combination of M.S. flats and steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures labour and HOM of machinery specifications (Page 32, Item No. 7.9)

	Sqm							
Window W (GF & FF)		6	1.80		1.20	12.96		
W1		12	1.50		1.20	21.60		
V		2	0.75		0.60	0.90		
Foyer		3	24.00		0.90	64.80		
Stair Case		4	2.50		0.90	9.00		
						109.26		
Consider 21 kg per one sqm			21	x	109.26	2294.46	84.24	193,285.31
Basic Rate	78.00							
Area Weightage 8%	6.24							
	84.24							

Scanned by CamScanner

Providing and fixing in position anodized alluminium windows and ventilators as per approved drawings with sliding shutters using double track window frame section of size 122.2x31.75mm with 2mm thick, bottom section weight of 0.695 kg per m, sides and top section of 1.3mm thick weight of 0.659 kg per m and shutter comprising top and bottom section of size 40mmx18mm , 1.25mm thick of 0.417 kg per m shutter outer side 40mmx18mm, 1.25mm thick weight of 0.417 kg per m, shutter interlock section 40mmx 26.7mm , 1.1mm thick, wieght of 0.469 kg per m the shutter mounted on nylon roller with approved quality of fixture such as alluminium tower bolts etc., and providing and fixing 5.5mm thick plain glass of shutter fitted with rubber beading alluminium section anodized 12 to 15 microns including cutting to required length, joints mitred sub dividing the frame tenonned revited in the assembled frame stiffened with end clips at corners angles etc., and fixed to walls, lintles, floor beams or cills as the case may be with necessary steel screws, raul plugs, or teak wood gatties including cutting masonry or concrete and making good the original surface using cement mortar, alluminium section pre treated for removal of any rust and coated with greesy or non adhesion of motor and other sticky materials (this coating should be cleaned after installation) including cost of all materials , fixtures labour and HOM at machinary complete as per specificaions (Page No 34. item No. 7.12.1)								
	Sqm							
Window W (GF & FF)		6	1.80	1.20		12.96		
W1		12	1.50	1.20		21.60		
V		2	0.75	0.30		0.45		
						35.01	3,842.64	**134,530.83**
Basic Rate	3,558.00							
Area Weightage 8%	284.64							
	3,842.64							
Providing and fixing in position collapsible steel shutters with single or double leaf with vertical channel 20mmX10mmX2mm braced with flat iron diagonals 20mmx5mm size with top and bottom rails of T Iron sections of 40X40X6mm with 38mm dia steel pulleys complete with bolts and nuts, locking arrangements, stoppers, handles coat of red lead paint, cost of materials, labour, HOM of machinery complete as per specifications size of gate 2.4mX1.4m (Page No. 31, Item No.7.1								
	Sqm							
		1	2.50		2.700	6.75		
						6.75	4,355.64	**29,400.57**
Basic Rate	4,033.00							
Area Weightage 8%	322.64							
	4,355.64							
Providing 18mm thick cement plaster in single coat with cement mortar 1:3, to brick masonry including rounding off corners wherever required smooth rendering: providing and removing scaffolding, including cost of materials labour curing complete as per specifications (page No.113, Item No.15.15)								
	Sqm							
In side plastering								
For Sump tank		1	10.00		2.00	20.00		
GF Hall 1		2	8.50		3.00	51.00		
		2	4.50		3.00	27.00		
GF Office 1		2	6.70		3.00	40.20		
		2	3.40		3.00	20.40		
GF Hall 2		2	4.35		3.00	26.10		
		2	4.45		3.00	26.70		
GF Office 2		2	4.35		3.00	26.10		
		2	3.35		3.00	20.10		
GF Toilet		8	1.70		3.00	40.80		
FF Hall 1		2	8.50		3.00	51.00		
		2	4.50		3.00	27.00		
FF Office 1		2	6.70		3.00	40.20		

Scanned by CamScanner

		2	3.40		3.00	20.40		
FF Hall 2		2	4.35		3.00	26.10		
		2	4.45		3.00	26.70		
FF Office 2		2	4.35		3.00	26.10		
		2	3.35		3.00	20.10		
FF Toilet		8	1.70		3.00	40.80		
						576.80		
Deductions Door D	0.5	4	1.20		2.10	5.04		
Door D1	1	4	1.00		2.10	8.40		
D2	1	4	0.90		2.10	7.56		
Windows	0.5	6	1.80		1.20	6.48		
Windows W1	0.5	12	1.50		1.20	10.80		
Ventilator V	0.5	2	0.75		0.60	0.45		
						38.73		
						538.07	263.52	**141,792.21**
Basic Rate	244.00							
Area Weightage 8%	19.52							
	263.52							

Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to ceiling incluidng rounding off corners wherever required smooth rendering providing and removing scaffolding including cost of materials, labour curing complete as per specification (Page No. 114, Item No. 15.21)

	Sqm							
GF & FF		2	15.85		11.30	358.21		
						358.21	208.44	**74,665.29**
Basic Rate	193.00							
Area Weightage 8%	15.44							
	208.44							

Providing lime rendering for plastering to wall and ceiling, including cost of materials, labour, curing complete as per specifications (Page No. 115, Item No. 15.33)

	Sqm							
GF & FF (Qty vide Item no.24 & 25)						896.28		
						896.28	27.00	**24,199.56**
Basic Rate	25.00							
Area Weightage 8%	2.00							
	27.00							

Providing 20mm thick cement plaster in single coat with cement mortar 1:3, to stone masonry & concrete surface including rounding off corners wherever required smooth rendering,: Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications (Page No114, Item No.15.18)

	Sqm							
OutSide		2	13.40		6.20	166.16		
		2	8.30		6.20	102.92		
		2	1.50		6.20	18.60		
Parapet		1	30.00		1.80	54.00		
Column		7	0.80		6.20	34.72		
						376.40		
Deductions Door D	0.5	4	1.20		2.10	5.04		
Windows	0.5	6	1.80		1.20	6.48		
Windows W1	0.5	12	1.50		1.20	10.80		
Ventilator V	0.5	2	0.75		0.60	0.45		

Scanned by CamScanner

						22.77		
						353.63	279.72	98,917.38
Basic Rate	259.00							
Area Weightage 8%	20.72							
	279.72							
Providing and laying flooring using prepolished , water cut/ gang saw 19mm thick granite laid over existing floor in CM 1:4 at 20mm thick (average) and pointed with white/ grey pigment etc., complete (Page No.107, Item No.14.47.1)								
	Sqm							
GF Hall 1		1	8.50		4.50	38.25		
GF Office 1		1	6.70		3.40	22.78		
GF Hall 2		1	4.35		4.45	19.36		
GF Office 2		1	4.35		3.35	14.57		
Foyer		1	15.85		1.50	23.78		
		1	8.30		2.45	20.34		
Skirting		2	8.50		0.10	1.70		
		2	4.50		0.10	0.90		
		2	6.70		0.10	1.34		
		2	3.35		0.10	0.67		
		4	4.35		0.10	1.74		
		4	4.40		0.10	1.76		
FF Hall 1		1	8.50		4.50	38.25		
FF Office 1		1	6.70		3.40	22.78		
FF Hall 2		1	4.35		4.45	19.36		
FF Office 2		1	4.35		3.35	14.57		
Foyer		1	15.85		1.50	23.78		
		1	8.30		2.45	20.34		
Skirting		2	8.50		0.10	1.70		
		2	4.50		0.10	0.90		
		2	6.70		0.10	1.34		
		2	3.35		0.10	0.67		
		4	4.35		0.10	1.74		
		4	4.40		0.10	1.76		
Stari case	2	20	0.45	1.00		18.00		
Landing	2	1	2.45	1.00		4.90		
						317.26	2,828.52	897,376.26
Basic Rate	2,619.00							
Area Weightage 8%	209.52							
	2,828.52							
Providing and laying integral cement based water proofing treatment including preparation of surface as required for treatment of roofs, balconies terraces etc., consisting of following applications a) applying and grouting a slurry coat of neat cement using 2.75 kg per sqm of cement admixed with proprietary water proofing compound confirming to IS 2645 over the RCC slab after cleaning the surface before treatment b)laying cement concrete using broken brick bats 25mm to 100mmsize with 50% of cement mortar 1:5 admix with propreatory water proofing compound confirming IS 2645 over 20mm thick layer of cement mortar 1:5 admix with proprietary water proofing compound to required slope and treating similarly the adjoining walls upto 300mm hejght including rounding off junctions of walls and slabs c)after two days of proper curing applying a second coat of cement slurry admix with preprietoray water proofing compound d) finishing the surface with 20mm joint less cement mortar of mix 1:4 admix with preprietary water proofing compond wall finally finishing the surface with travel and neat cement slurry and making of 300 x 300 mm square e the whole terrace so finished shall be flooded with water for a minimum period of two weeks curing and final test including cost of materials labour complete as per specifications (page No,66, Item No. 10.3)								
	Sqm							

Scanned by CamScanner

		1	15.85		9.80	155.33		
						155.33	333.72	**51,836.73**
Basic Rate	309.00							
Area Weightage 8%	24.72							
	333.72							
Providing and fixing on wall surface 4.0kg/Sq.cm H.D.P.E. rain down water pipes 90mm outer dia approved make and brand with necessary specials like shoes, bends and offsets fixed with iron clamps, wall plugs, screws, including cost of materials, labour, complete as per specification (Page No. 47, Item No. 8.16)								
	m							
		2	12.00			24.00		
						24.00	462.24	**11,093.76**
Basic Rate	428.00							
Area Weightage 8%	34.24							
	462.24							
Providing and fixing white vitreous china clay, water closet Orissa pattern of size 580x440mm with intergral type footrests, 100mm S or P trap, (approved make) cuttings and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. (Page No.77, item No. 12.4)								
	Pan							
		4				4.00		
						4.00	2,333.88	**9,335.52**
Basic Rate	2,161.00							
Area Weightage 8%	172.88							
	2,333.88							
Providing and fixing white vitreous china clay flat back wash basin size 630x450mm with a single of 15mm C.P. brass pillar taps with C.I. /M.S. brackets 32mm C.P. brass waste of standard pattern, painting of fittings and brackets, cuttings and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications (page No. 81, Item No. 12.24)								
	Unit							
		4				4.00		
						4.00	3,247.56	**12,990.24**
Basic Rate	3,007.00							
Area Weightage 8%	240.56							
	3,247.56							
Providing and fixing white vitreaus china clay, flat back, lipped front urinal basin of 430x260x350mm with 5 litre PVC automatic flushing cistren, C.I./M.S bracket, standard flush pipe and c.P. brass spreaders with brass union and G.I.Clamp Complete painting of fitting and brackets, cutting and making good the wall and floor wherever required , including cost of materials, labour complete as per specification (Page No. 78, item No. 12.7)								
	Unit							
		4				4.00		
						4.00	3,204.36	**12,817.44**
Basic Rate	2,967.00							
Area Weightage 8%	237.36							
	3,204.36							
Providing colour glazedzed tiles of all sizes 10mm thick for flooring, treads of steps and landing laid on a bed of 12mm thick , cement mortar 1:3 mix, flush pointing using white cement,with matching colour pigment, including cost of a materials, labour, curing, complete as per specifications(30 X45) (Page No. 106, Item No. 14.41.3)								
Toilet	Sqm							
GF		2	1.80		1.60	5.76		
FF		2	1.80		1.60	5.76		
						11.52	1,208.52	**13,922.15**

Scanned by CamScanner

Basic Rate	1,119.00							
Area Weightage 8%	89.52							
	1,208.52							
Providing skirting, dado rises of steps with colour glazed tiles 15x15 cms 6mm thick on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (Exclude cost of rough plastered surface which should be measured and paid separetely) using glazed tiles of approved make and size including cost of materials labour complete as per specifications page No. 106, Item No. 14.41								
	Sqm							
Toilet		8	1.60		2.10	26.88		
SF		8	1.60		2.10	26.88		
PF						53.76	1,157.76	62,241.18
Basic Rate	1,072.00							
Area Weightage 8%	85.76							
	1,157.76							
Providing and fixing 7.5cms to 15cms dia NP grating 100mm dia (page no 88 , Item No. 12.111)								
	Each							
		8				8.00		
						8.00	169.60	1,356.80
Basic Rate	160.00							
Area Weightage 6%	9.60							
	169.60							
Providing and fixing C.I. Nahani trao of approved make conforming to ISI specificatins and constructin of Cistern in CC 1:2:4 as per directions (Rate is inclusive of cost of materials and fixture and conveyance of materials to work spot) 10cms to 7.5cms Page no. 88, item No. 12.113.1)								
	Each							
		8				8.00		
						8.00	270.00	2,160.00
Basic Rate	250.00							
Area Weightage 8%	20.00							
	270.00							
Providing and fixing chorinated poly venyl chloride (CPVC) pipes conforming to IS15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. this includes jointing of pipes and fittings with one step CPVC solvent cement and the cost of cutting chases & making good the same including testing of joints complete 20mm nominal OD Pipes (Page No.96, Item No. 13.86.2)								
	m							
		60				60.00		
						60.00	226.80	13,608.00
Basic Rate	210.00							
Area Weightage 8%	16.80							
	226.80							
Providing and fixing in position brass stop cock of approved quality15mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications (Page no.91 Item No. 13.26)								
	Each							
		8				8.00		
						8.00	173.88	1,391.04
Basic Rate	161.00							
Area Weightage 8%	12.88							
	173.88							

Scanned by CamScanner

...ding and fixing in position brass gate valve with C.I. Wheel of approved quality (Screwed ... 20mm nominal bore including cost of all materials labour and HOM of Equipments with all ... complete as per specificatins (page No.91, Item No. 13.33)								
	Each							
		4				4.00		
						4.00	441.72	1,766.88
Basic Rate	409.00							
Area Weightage 8%	32.72							
	441.72							
...viding and fixing on wall surface 4.0kg /Sq.cm H.D.P.E. rain down water pipes 110mm outer ... approved make and brand with necessary specials like shoes, bends and offsets fixed with ...n clamps, wall plugs screws, including cost of materials, labour, complete as per specifications ...ge No. 47, item No. 8.19)								
	m							
		6	6.20			37.20		
						37.20	613.44	22,819.97
Basic Rate	568.00							
Area Weightage 8%	45.44							
	613.44							
...viding NP/CP waste union conforming to ISI specifications and fixing them in position as per ...ations including cost of materials, fixtures and conveyance to work spot etc., complete 32mm ... (Page No. 95, Item No. 13.81.1)								
	Each							
		4				4.00		
						4.00	135.00	540.00
Basic Rate	125.00							
Area Weightage 8%	10.00							
	135.00							
...truction brick masonry inspection chamber 450x450mm and 450mm depth (clear inside ...ension) for single pipes line using table mouled non-modular bricks of class designation 50 in ...ment mortar 1:5 C.I. cover with frame (light duty) 450x450mm (Page No.73, Item No.11.50.2)								
	Nos							
		4				4.00		
						4.00	5,771.52	23,086.08
Basic Rate	5,344.00							
Area Weightage 8%	427.52							
	5,771.52							
...viding and placing on terrace , polyethylene water storage tanks with manhole lid and ...itable locking arrangements, making holes of suitable diameter for inlet, outlet and over flow ...pes, including cost of all materials, labour, transport charges, HOM of equipments and testing ...mplete as per specifications (For 1000 litre capacity) page No. 94, Item No. 13.76)								
	Nos							
		1				1.00		
						1.00	9,144.36	9,144.36
Basic Rate	8,467.00							
Area Weightage 8%	677.36							
	9,144.36							
...viding and applying painting two coats with plastic emulsion paint of approved brand on wall ...face to give an even approved shade after throughly brushing the surface free from mortar ...ks and other foreign matter including preparing the surface even and sand paper smooth, ...ll of materials, labour, complete as per specificationswith primer.(Page No. 117, Item No. ...1.12)								
	Sqm							

Scanned by CamScanner

Qty vide item No.26							896.28		
							896.28	97.20	**87,118.42**
Basic Rate	90.00								
Area Weightage 8%	7.20								
	97.20								
Extra for providing and applying every subsequent coat of painting with plastic emulsion paint of approved brand and shadefor Item No.15-15.1 and 15.53 cost of materials, labour complete as per specifications(PageNo.118, Item No.15.52.3)									
	Sqm								
Qty vide item No.26							896.28		
							896.28	32.40	**29,039.47**
Basic Rate	30.00								
Area Weightage 8%	2.40								
	32.40								
Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to give an even shade after throughly brooming the surface to remove all dirt and loose powdered materials, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications (Page No. 118, Item No. 15.53.2)									
	Sqm								
Qty vide item No.27							353.63		
							353.63	90.72	**32,081.31**
Basic Rate	84.00								
Area Weightage 8%	6.72								
	90.72								
Extra for providing and applying every subsequent coat of water proofing cement paint of approved brand and shade for item No.15-16.1 cost of materials,labour,complete as per specifications (Page No.118, Item No.15.53.3)									
	Sqm								
Qty vide item No.27							353.63		
							353.63	29.16	**10,311.85**
Basic Rate	27.00								
Area Weightage 8%	2.16								
	29.16								
Applying priming coat over new wood surface and/ or wood based surface after preparing the surface after throughly cleaning oil, grease, dirt and foreign matter, sand papering and knotting liquid wood filler, for varnish including cost of materials, labour, complete as per specificatios (Page No. 119, Item No. 15.59)									
	Sqm								
Door D	2.25	4	1.05	2.10			19.85		
D1	2.25	4	0.90	2.10			17.01		
D2	2.25	4	0.75	2.10			14.18		
Rolling Shutter	2.00	1	2.50	2.70			13.50		
Window Grill W	1.00	6	1.80	1.20			12.96		
	1.00	12	1.50	1.20			21.60		
W	1.00	6	1.10	1.20			7.92		
W1	1.00	12	1.50	1.20			21.60		
Stair Case Railing	1.00	4	2.50	0.90			9.00		
Foyer	3	2	24.00	0.900			129.60		
							267.21	44.28	**11,832.06**
Basic Rate	41.00								
Area Weightage 8%	3.28								
	44.28								

Scanned by CamScanner

...ding and applying painting two coats (excluding priming coat) on new wood surface and/ or ...d based surface with enamel paint to give an even shade, cleaning the surface of all dirt, ...st and foreign matter, sand papering including cost of materials, labour, complete as per ...ecifications (Page No.119, item No.15.60)								
	Sqm							
Qty vide item No.49						267.21		
						267.21	90.72	**24,241.29**
Basic Rate	84.00							
Area Weightage 8%	6.72							
	90.72							
...tra over item No.15-17.6 for applying every subsequent coat of enamel paint to give an even ...ade after cleaning the surface of all dirt and foreign matter, sand papering including cost of ...terials, labour, complete as per specifications (Page No.119, Item No.15.60.2)								
	Sqm							
Qty vide item No.49						267.21		
						267.21	51.84	**13,852.17**
Basic Rate	48.00							
Area Weightage 8%	3.84							
	51.84							
Providing electrical works						LS		**385,000.00**
Bescom Meter Conection charge						L/s		**3,000.00**
Miscellaneous and unforseen Charges								**70.55**
								5000000.00
(Rupees Fifty Lakhs Only)								

CERTIFICATE

1 The Work spot has been inspected and the work found to be necessary
2 The Estimate is prepared as per the PWD SR 2016-17
3 The Provision made in estimate are adequate and essential
4 This area comes under BBMP limits.

Asst Engineer
Ward No-13

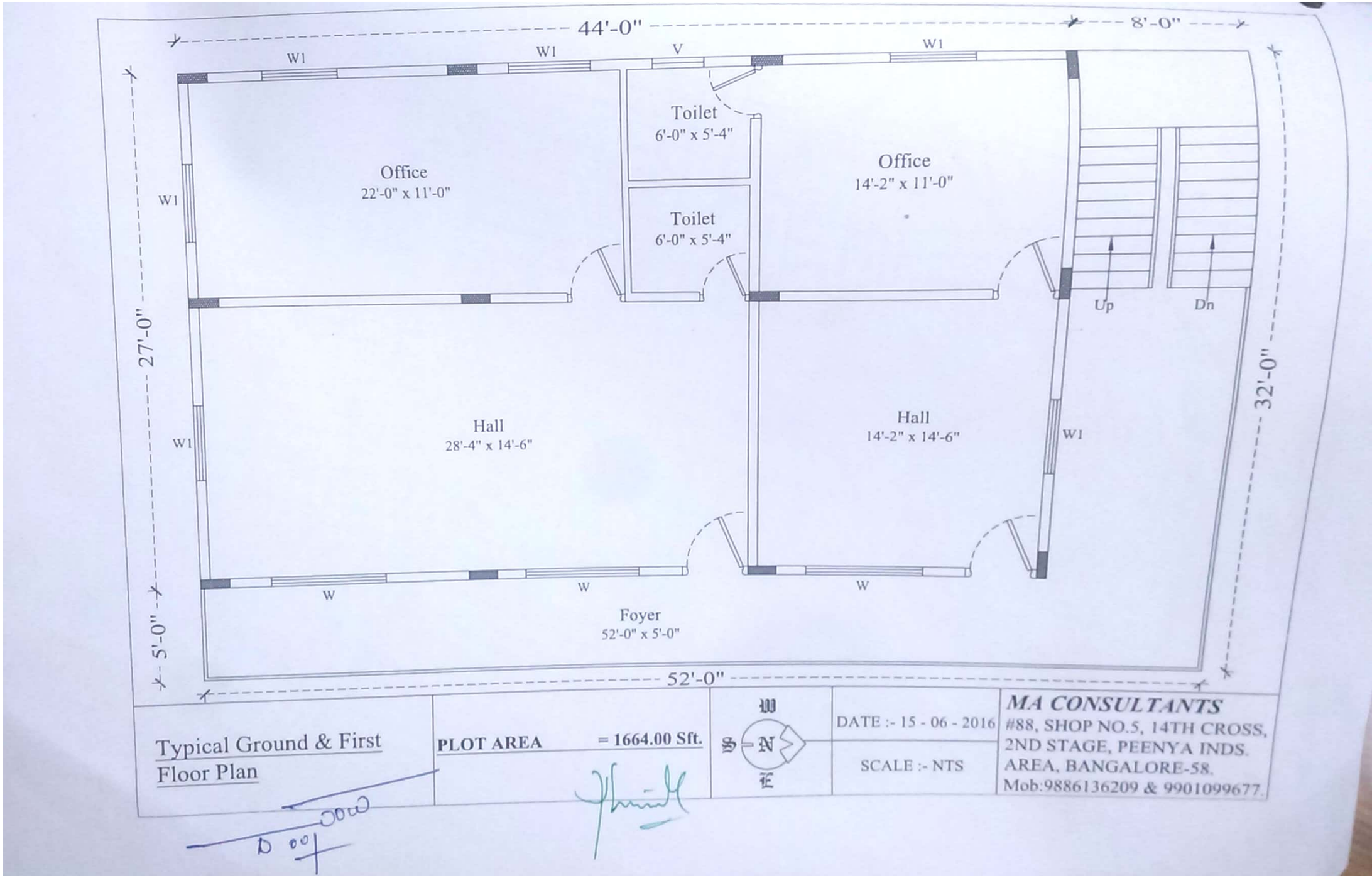
Asst Executive Engineer
Shettyhalli Sub-Division
BBMP

Executive Engineer
Dasarahalli Zone
BBMP

ನಂ. JC/D/AS/PK/71/1617 ದಿನಾಂಕ : 13/1/17
ರೂ. 50.00 lakhs (Rupees Fifty lakhs only)
ಗಳ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ಆಡಳಿತಾತ್ಮಕ ಮಂಜೂರಾತಿ ನೀಡಿದ
ಜಂಟಿ ಆಯುಕ್ತರು
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು.

ನಂ.CE/DZ/TS/110/1617 ದಿನಾಂಕ : 27/01/2017
ರೂ. 50.00 lakh (RUPEES fifty lakhs only)
ಗಳ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ
ಮುಖ್ಯ ಅಭಿಯಂತರರು
ತಾಂತ್ರಿಕ ಸಹಾಯಕರು ಬಿ.ಬಿ.ಎಂ.ಪಿ.
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು.

Scanned by CamScanner



Scanned by CamScanner

BRUHAT BANGALORE MAHANAGARA PALIKE
WARD : 13 - MALLASANDRA

155 - DASARAHALLI AC

NOTIFICATION NO. UDD 59 MLR 2009. DATE. 15.07.2009

Scanned by CamScanner